CLAIMS

What is claimed is:

1. An inflation gauge apparatus comprising:

(a) a pressure transducer;

(b) a control system communicatively connected to the pressure transducer; and

(c) a display communicatively connected to the control system that indicates at least four pressure readings at the same time.

2. The inflation gauge apparatus of claim 1, wherein the pressure transducer is adapted to be communicatively connected to a tire.

3. The inflation gauge apparatus of claim 2, further comprising a hose connected to the pressure transducer, the hose being for connection to the tire.

4. The inflation gauge apparatus of claim 1, wherein the control system includes a microprocessor.

5. The inflation gauge apparatus of claim 1, wherein the control system memory stores pressure data from successive articles comprising a four set sequence.

6. The inflation gauge apparatus of claim 5, wherein the memory stores data from a plurality of pressure measurement sequences.

7. The inflation gauge apparatus of claim 1, wherein the control system includes operator control switches.

8. The inflation gauge apparatus of claim 7, wherein the control system includes mode, read, and store switches.

9. The inflation gauge apparatus of claim 1, wherein the control system includes timing means.

10. The inflation gauge apparatus of claim 9, wherein the timing means measures lap time for a vehicle negotiating a course.

11. The inflation gauge apparatus of claim 1, wherein the control system includes output connection means.

12. The inflation gauge apparatus of claim 11, wherein the output connection means is connectable to a printer.

13. The inflation gauge apparatus of claim 11, wherein the output connection means is connectable to a computer.

14. The inflation gauge apparatus of claim 1, wherein the display is a pair of separate displays.

15. The inflation gauge apparatus of claim 1, wherein the display shows at least four pressures simultaneously corresponding to pressures of each of four articles with respect to a time.

16. The inflation gauge apparatus of claim 1, wherein the display shows at least eight pressures simultaneously corresponding to pressures of each of the four articles at two different times.

17. The inflation gauge apparatus of claim 16 wherein the display further shows, simultaneously, four pressure change readings corresponding to changes with respect to time of each of the articles.

18. The inflation gauge apparatus of claim 1, wherein the display further shows time changes.

19. A tire pressure gauge apparatus comprising:

(a) a pressure transducer adapted for communicative connection to a tire;

(b) a control system communicatively connected to the pressure transducer, the control system receiving tire pressure reading signals from the pressure transducer and converting them to tire pressure display signals, the control system having memory for storing a plurality of tire pressure reading signals; and

(c) a display communicatively connected to the control system that indicates at least eight tire pressure readings simultaneously, the eight tire pressure readings corresponding to a first tire pressure reading with respect to a first time and a second tire pressure reading with respect to a second time for each of four tires, the display receiving tire pressure display signals from the control system.

20. A memory tire pressure gauge apparatus for use with race cars, comprising:

(a) a pressure transducer adapted for communicative connection to a tire of a race car;

(b) a control system communicatively connected to the pressure transducer, the control system receiving tire pressure reading signals from the pressure transducer and converting them to tire pressure display signals, the control system having memory for storing a plurality of tire pressure reading signals; and

(c) a display communicatively connected to the control system that indicates at least eight tire pressure readings simultaneously, the eight tire pressure readings corresponding to a relatively cold tire pressure reading with respect to an initial time and a relatively hot tire pressure reading with respect to a time after use of the tires, for each of four tires, the display further showing, simultaneously, four tire pressure change readings corresponding to changes caused by use of the tires of each of the tires, the display receiving tire pressure display signals from the controller.